



**U.S. Department of Transportation
Research and Special Programs Administration
John A. Volpe National Transportation Systems Center**

PROGRESS REPORT IAG #DW69953792-01

**U.S. Environmental Protection Agency Region VIII
Environmental Compliance & Restoration Support**

Prepared by:

**John A. Volpe National Transportation Systems Center
Environmental Engineering Division, DTS-33
55 Broadway, Kendall Square
Cambridge, MA 02142-1093**

Prepared for:

**U.S. Environmental Protection Agency
Ecosystems Protection & Remediation
999 18th Street, Suite 500
Denver, CO 80202-2466**

December 18, 2000

PROGRESS REPORT
Environmental Compliance & Restoration Support

Libby, Montana Asbestos Project (N-1428, N-1079, N-1423)

A. Work Performed November 1 – 30, 2000:

The following activities were completed during the November reporting period:

- Imported approximately 25,000 yards of backfill.
- Compacted backfill and conducted density testing of 12" lifts.
- Graded the backfill in accordance to the Winter Erosion Control Plan.
- Conducted surveying of the backfilled portions of the Parker property to determine the topography of the backfilled property and to determine volume of soil backfilled.
- Updated daily work activities to reflect safer work practices.
- Covered the contaminated stockpile. Used an impermeable cover and secured it using the engineered methods for the winterization of the site.
- Completed the transfer of the Parker's inventory from the site and storage units to their rental property in connex boxes.
- Continued providing mobile laboratory support.
- Continued perimeter and personnel monitoring.
- Performed air monitoring to determine the limits of the unregulated zone.
- Completed erosion controls in accordance with the plan (hay bales, gently slopes, sediment basins, erosion fabric, erosion trenches). Onsite modifications were made due to the weather conditions.
- Continued providing site security.
- Received the keys from the ATSDR/NORC for the Temporary Hospital Facility. The Volpe Center and its subcontractors will mobilize there for the winter.
- Demobilized the site trailers, furniture and other equipment not needed during the winter shutdown. Moved all needed equipment and supplies to the Temporary Hospital Facility.
- Conducted sole-source procurement activities to obtain risk assessment support for Berman.
- Participated in PE Study activities (Part A, B & C).
- Reviewed Phase II Investigation SAP/QAPP and provided comments to EPA.
- Organized field data sheets and laboratory sample results. Developing a process to catalog raw data as a backup to the database.
- Provided oversight support at the Export Plant.
- Provided background and confirmatory air sampling at the Export Facility.
- Conducted as-requested sampling and analytical tasks.
- Assisted with technical and payment issues associated with the temporary facilities, St. John's Lutheran Hospital, and the Parker's.
- Support enforcement issues with URS such as properly decontaminating vehicles leaving containment areas
- Communicated daily with OSCs and storefront regarding project status.
- Assisted OSC with preparation of budget estimate for project activities as currently defined through FY'01.
- Provided data and maps to Enforcement Team.

- Conducted administrative and accounting activities.
- Conducted contract and project management activities.
- Ordered server hardware and NT 4.0 operating system from Dell Computer Corporation.
- Ordered SQL Server Version 7 software from GTSI
- Established tasking with CDM to assist with: setting up the server, re-hosting the database, modifying the client application, and bringing the server on-line at a commercial Internet service provider.

B. Work Planned for December 1 – 31, 2000:

The following activities are planned for the December reporting period:

- Secure the Site for winter shut down.
- Finalize and sign off on RCMS and deliver to the EPA.
- Continue assistance with technical and payment issues associated with the Parker's.
- Continue perimeter monitoring at the Export Plant.
- Conduct any additional sampling and analytical activities at the Export Plant.
- Provide oversight at the Export Facility.
- Provide background and confirmatory air sampling at the Export Facility.
- Continue mobile laboratory support through the Export Facility's shutdown.
- Formally acquire support from Dr. Wayne Berman.
- Continue to provide support to PE Study tasks.
- Prepare to conduct Phase II investigation.
- Complete organization of field data sheets and paper laboratory analytical results.
- Prepare for trip to Denver to conduct MIS related tasks.
- SQL Hardware and software to be inventoried. All document records for the server to be setup and assembled in a binder titled "Libby Server Transaction Log – Nov 2000"
- All components of the server to be connected and the server powered on successfully.
- All EPA guidelines with respect to server installation will be observed and implemented. Guidelines will be provided to Volpe by EPA.
- The machine will be moved from CDM offices to the selected internet service provider (ISP) Internet Commerce and Communications Inc (formerly Rocky Mountain Internet Inc). The machine will be repowered on and both local and remote tests of the communications will be conducted.
- Review restoration installation with EPA and Daston to establish EPA acceptance.
- Begin construction of functional system documentation.
- Perform server system administration.
- Support enforcement issues such as providing property maps and cost documentation.
- Communicate daily with OSCs and storefront regarding project status.
- Conduct administrative and accounting activities.
- Conduct contract and project management activities.

C. Last Period's Outstanding Issues/Discussion Items

- EPA's database contractor has gone bankrupt. This has resulted in the need for numerous new tasks for Volpe that are not in the current budget. The Volpe Center Project Manager will work with the EPA OSC to insure that these activities are completed as expeditiously as possible within existing funding and schedule restraints. *Volpe has provided support to those elements of the project impacted by the ISSI bankruptcy. Currently, all the requirements brought to the Volpe Center from ISSI have been satisfied.*

D. Current Period's Outstanding Issues/Discussion Items

The following comment regarding the database was received from one of our database experts:
"There appear to be five major tables with many supporting or reference tables in the dbms. One of the tables appears to be for sample information obtained in the field by the samplers. The other four tables are labeled by analysis method. The method tables contain a summary of analytical results performed using the method that identifies the table. The format of the method tables is similar to a cross tabbed spreadsheet, e.g. the analyses are contained in separate columns. It will be necessary to build a proper structure to store and use the data if the database is to be used as a decision support system. Currently many functions and analytical capabilities of this database are underused by the limitations of its structure. These limitations include the inability to store detailed (raw) data in meaningful way. So, what we've got is a dramatically underdeveloped system and it should be fixed."

E. Cost Summary (see Attachment 1):

Libby Economic Analysis Project (N-1064)

Project Complete. The effort was completed for a cost of approximately \$3300, 33% under budget. The \$1700 of remaining funds can be authorized for other work as required.

Jacobs Smelter Project (N-1329)

No activities this period.

Lockwood Solvents Project (N-1386)

No activities this period.

Aspen Park Solvents Project (N-1332)

No activities this period.

Safety & Security (Counter-terrorism) Project (N-1350)

No activities this period.

Asbestos Sampling (N-1131)

A. Work Performed November 1 -30, 2000:

As requested by the OSC, the Volpe Center assisted with logistics of sample analysis.

B. Work Planned for December 1 -31, 2000:

Continue providing support to the OSC's sampling and analysis efforts.

C. Last Period's Outstanding Issues/Discussion Items

D. Current Period's Outstanding Issues/Discussion Items

E. Cost Summary (see Attachment 1):

**ATTACHMENT 1
(COST SUMMARIES)**

PLANS, ADVANCES and EXPENDITURES SUMMARY
Volpe IAG#DW69953792-01

PLANS - WAF HISTORY	DATE	WAF No. 1 Stockton Removal Action	WAF No. 2 Aspen Park Solvents Solvents	WAF No. 3 Counter Terrorism WP	WAF No. 4 Libby Asbestos Project Assessment	WAF No. 5 Lockwood Solvents	WAF No. 6 Libby Economic Analysis	WAF No. 7 Libby Asbestos Project - Export Plant	WAF No. 8 Libby Asbestos Proj - Screening Plant	WAF No. 9 Asbestos Sampling/Site Assessments	TOTAL
a/o 11/30/00											
99T8AL0EFA082XRV00	04/27/1999	\$ 475,000									\$ 475,000
99T8AL0EFA082XWQ00	04/27/1999	\$ 1,000,000									\$ 1,000,000
99T8AL0EFA086DRV00	04/27/1999	\$ 25,000									\$ 25,000
99T8AL0EFA086WQBN00	06/07/1999		\$ 15,000								\$ 15,000
99T8AL0EFA086WQBC00	12/01/1999			\$ 250,000							\$ 250,000
99T8AL0EFA088BCRS00	12/15/1999			\$ 350,000							\$ 350,000
99T8AL0EFA0882XWQ00	12/22/1999	\$ 4,625,000									\$ 4,625,000
99T8AL0EFA0886DRV00	01/05/2000	\$ 80,000									\$ 80,000
99T8AL0EFA088AKRV00	02/04/2000			\$ 20,000							\$ 20,000
99T8AL0EFA0882XRV00	02/14/2000	\$ 400,000				\$ 20,000					\$ 400,000
99T8AL0EFA088AKRV00	02/14/2000										\$ 20,000
99T8AL0EFA088CBN00	02/23/2000			\$ 200,000							\$ 200,000
99T8AL0EFA088BCRV00	03/29/2000			\$ 1,700,000							\$ 1,700,000
99T8AL0EFA08000BN00	03/29/2000				\$ 5,000						\$ 5,000
99T8AL0E50201D08BCRV01	05/16/2000					\$ 200,000					\$ 200,000
99T8AL0E50201D08BCRV02	05/18/2000							\$ 1,200,000			\$ 1,200,000
99T8AL0E50102D008BCRV02	06/29/2000							\$ 143,000			\$ 143,000
99T8AL0E50102D008BCRV03	06/29/2000							\$ 750,000			\$ 750,000
00T8AL0E50102D008BCRV02	08/23/2000							\$ 2,600,000			\$ 2,600,000
00T8AL0E50102D008BCRV00	08/21/2000								\$ 20,000		\$ 20,000
00T8AL0E50102D008BCRV01	08/23/2000						\$ 300,000				\$ 300,000
00T8AL0E50102D008BCRV00	08/23/2000				\$ 500,000						\$ 500,000
00T8AL0E50102D008BCRV02	09/29/2000							\$ 800,000			\$ 800,000
00T8AL0E50102D008BCRV00	11/20/2000			\$ 500,000							\$ 500,000
TOTAL WAFs		\$ 6,500,000	\$ 105,000	\$ 15,000	\$ 3,500,000	\$ 40,000	\$ 5,000	\$ 500,000	\$ 5,493,000	\$ 20,000	\$ 16,178,000

ADVANCES	DATE	Stockton Removal Action	Aspen Park Solvents Solvents	Counter Terrorism WP	Libby Asbestos Project Assessment	Lockwood Solvents	Libby Economic Analysis	Libby Asbestos Project - Export Plant	Libby Asbestos Proj - Screening Plant	Asbestos Sampling/Site Assessments	TOTAL
a/o 11/30/00											
Inv 03802348	02/19/1999	\$ 75,000	\$ 25,000								\$ 100,000
Inv 03802564	05/26/1999	\$ 185,000		\$ 15,000							\$ 200,000
Inv 03802635	06/22/1999	\$ 2,000,000									\$ 2,000,000
Inv 03802740	06/26/1999	\$ 380,000				\$ 20,000					\$ 1,000,000
Inv 03802893	10/28/1999	\$ 750,000			\$ 250,000						\$ 1,000,000
Inv 03802935	12/14/1999	\$ 1,400,000	\$ 80,000			\$ 20,000					\$ 1,500,000
March advance	March, 2000	\$ 350,000			\$ 145,000		\$ 5,000				\$ 500,000
May advance	May, 2000	\$ 150,000			\$ 350,000						\$ 500,000
July advance	July, 2000				\$ 500,000			\$ 100,000	\$ 308,000		\$ 908,000
September advance	September, 00	\$ 300,000			\$ 300,000				\$ 1,230,000	\$ 20,000	\$ 1,850,000
November advance	November, 00								\$ 1,000,000		\$ 1,000,000
TOTAL ADVANCES		\$ 6,190,000	\$ 105,000	\$ 15,000	\$ 1,545,000	\$ 40,000	\$ 5,000	\$ 100,000	\$ 2,538,000	\$ 20,000	\$ 10,558,000
Balance to Advance		\$ 310,000	\$ -	\$ -	\$ 1,955,000	\$ -	\$ -	\$ 400,000	\$ 2,955,000	\$ -	\$ 5,620,000

EXPENDITURES		Stockton Removal Action	Aspen Park Solvents Solvents	Counter Terrorism WP	Libby Asbestos Project Assessment	Lockwood Solvents	Libby Economic Analysis	Libby Asbestos Project - Export Plant	Libby Asbestos Proj - Screening Plant	Asbestos Sampling/Site Assessments	TOTAL
a/o 11/30/00											
Volpe Engineering		\$ 411,504	\$ 4,705	\$ 1,315	\$ 346,075	\$ 3,533	\$ 3,207	\$ 16,991	\$ 162,059	\$ 804	\$ 970,193
Contracts		\$ 5,216,901	\$ 27,690	\$ -	\$ 1,103,872	\$ 8,393	\$ -	\$ 74,819	\$ 2,562,758	\$ -	\$ 8,996,434
Equip/supplies		\$ 20,958	\$ -	\$ -	\$ 102,974	\$ 27	\$ -	\$ -	\$ 2,094	\$ 202	\$ 126,255
G&A		\$ 208,979	\$ 2,799	\$ -	\$ 71,749	\$ 492	\$ -	\$ 11,069	\$ 145,562	\$ 7	\$ 440,657
TOTAL EXPENDITURES		\$ 5,860,341	\$ 35,194	\$ 1,315	\$ 1,624,670	\$ 12,446	\$ 3,207	\$ 102,880	\$ 2,892,473	\$ 1,013	\$ 10,533,539
CURRENT MONTH EXPEND.		\$ (10,988)	\$ 804	\$ -	\$ 16,195	\$ 804	\$ -	\$ 9,994	\$ 909,412	\$ 806	\$ 927,027

EPA SUMMARY

USEPA/Volpe IAG (IAG #DW69953792-01)
Financial Summary
A/O 11/30/00

<u>Funds Authorized</u>		<u>Planned</u>		<u>Planned</u>	
1) Stockton Removal Action (N- 329)	\$ 6,500,000			\$ 6,500,000	
2) Aspen Park Solvents (N- 332)	\$ 105,000			\$ 105,000	
3) Counter-Terrorism Work Plan (N- 350)	\$ 15,000			\$ 15,000	
4) Libby Asbestos Proj Assessment (N- 428)	\$ 3,500,000			\$ 3,500,000	
5) Lockwood Solvents (N- 386)	\$ 40,000			\$ 40,000	
6) Libby Economic Analysis (N- 064)	\$ 5,000			\$ 5,000	
7) Libby Asbestos Proj - Export Plant (N- 423)	\$ 500,000			\$ 500,000	
8) Libby Asbestos Proj - Screening Plant (N- 079)	\$ 5,493,000			\$ 5,493,000	
9) Asbestos Sampling/Site Assessments(N- 131)	\$ 20,000			\$ 20,000	
Total EPA Funds Authorized (WAFFS)	\$ 16,178,000		A	\$ 16,178,000	
Total EPA Funds Received	\$ 19,958,000		B	\$ 19,958,000	
Unallocated Funds	\$ 3,780,000		B-A	\$ 3,780,000	
<u>Costs Incurred</u>		<u>Cumulative</u>		<u>Cumulative</u>	
<u>Description</u>		<u>Committed Costs</u>	<u>Current Month</u>	<u>Accrued Costs</u>	<u>Current Month</u>
<i>Volpe Engineering:</i>					
Volpe Labor	\$ 512,770	\$ 48,752		\$ 512,770	\$ 48,752
Overhead	\$ 334,309	\$ 33,151		\$ 334,309	\$ 33,151
Volpe Admin Support	\$ 14,804	\$ 1,501		\$ 13,220	\$ 4,368
Volpe Travel	\$ 119,905	\$ 7,363		\$ 109,894	\$ 5,102
<i>Subtotal-Volpe Engineering</i>	\$ 981,788	\$ 90,766		\$ 970,193	\$ 91,372
<i>Contracts:</i>					
1) Stockton Removal Action (N- 329)	\$ 5,450,404	\$ (284,043)		\$ 5,218,901	\$ (522)
2) Aspen Park Solvents (N- 332)	\$ 71,762	\$ -		\$ 27,690	\$ -
3) Counter-Terrorism Work Plan (N- 350)	\$ -	\$ -		\$ -	\$ -
4) Libby Asbestos Proj Assessment (N- 428)	\$ 2,261,550	\$ 266,991		\$ 1,103,872	\$ (0)
5) Lockwood Solvents (N- 386)	\$ 13,208	\$ -		\$ 8,393	\$ -
6) Libby Economic Analysis (N- 064)	\$ -	\$ -		\$ -	\$ -
7) Libby Asbestos Proj - Export Plant (N- 423)	\$ 312,687	\$ -		\$ 74,819	\$ -
8) Libby Asbestos Proj - Screening Plant (N- 079)	\$ 4,445,472	\$ 649,250		\$ 2,562,758	\$ 817,212
9) Asbestos Sampling/Site Assessments(N- 131)	\$ -	\$ -		\$ -	\$ -
<i>Subtotal-Contracts</i>	\$ 12,555,083	\$ 632,198		\$ 8,996,434	\$ 816,690
<i>Volpe Equip/Supplies/Other</i>					
<i>Volpe G&A (3.9% of Contracts)</i>	\$ 154,409	\$ 1,767		\$ 126,255	\$ 1,263
	\$ 471,547	\$ 24,756		\$ 440,657	\$ 17,702
Total Cost	\$ 14,162,827	\$ 749,487	C	\$ 10,533,539	\$ 927,027
Available Authorized Funds	\$ 2,015,173		A-C	\$ 5,644,461	
Available Funds	\$ 5,795,173		B-C	\$ 9,424,461	

1) Stockton Removal Action (N- 329)
Financial Summary
A/O 11/30/00

Funds Authorized

	<u>Planned</u>		<u>Planned</u>
1) Stockton Removal Action (N- 329)	\$ 6,500,000	A	\$ 6,500,000
2) Aspen Park Solvents (N- 332)	\$ 105,000		\$ 105,000
3) Counter-Terrorism Work Plan (N- 350)	\$ 15,000		\$ 15,000
4) Libby Asbestos Proj Assessment (N- 428)	\$ 3,500,000		\$ 3,500,000
5) Lockwood Solvents (N- 386)	\$ 40,000		\$ 40,000
6) Libby Economic Analysis (N- 064)	\$ 5,000		\$ 5,000
7) Libby Asbestos Proj - Export Plant (N- 423)	\$ 500,000		\$ 500,000
8) Libby Asbestos Proj - Screening Plant (N- 079)	\$ 5,493,000		\$ 5,493,000
9) Asbestos Sampling/Site Assessments (N- 131)	\$ 20,000		\$ 20,000
Total EPA Funds Authorized	\$ 16,178,000		\$ 16,178,000

Costs Incurred

<u>Description</u>	<u>Cumulative</u>		<u>Current Month</u>	<u>Cumulative</u>	
	<u>Committed Costs</u>	<u>Accrued Costs</u>		<u>Current Month</u>	<u>Accrued Costs</u>
<i>Volpe Engineering/Proj. Mgmt.:</i>					
Volpe Labor	\$ 222,443	\$ 222,443	\$ 478	\$ 478	\$ 478
Overhead	\$ 143,022	\$ 143,022	\$ 325	\$ 325	\$ 325
Volpe Travel	\$ 46,039	\$ 46,039	\$ -	\$ -	\$ -
<i>Subtotal-Volpe Engineering</i>	<i>\$ 411,504</i>	<i>\$ 411,504</i>	<i>\$ 804</i>	<i>\$ 804</i>	<i>\$ 804</i>

Contracts:

Initial Site Walks	\$ 4,519	\$ -	\$ -	\$ -
Soil Transport & Disposal	\$ 1,695,822	\$ -	\$ -	\$ -
Plans/Site Office	\$ 82,573	\$ -	\$ -	\$ -
Security	\$ 68,471	\$ -	\$ -	\$ -
Site Removal/Replacement	\$ 1,916,426	\$ (284,043)	\$ -	\$ -
Soil Treatment	\$ 899,398	\$ -	\$ -	\$ -
Site Landscaping	\$ 414,967	\$ -	\$ -	\$ -
Staging Area Restoration	\$ 368,228	\$ -	\$ -	\$ -
<i>Subtotal-Contracts</i>	<i>\$ 5,450,404</i>	<i>\$ (284,043)</i>	<i>\$ 5,218,901</i>	<i>\$ (522)</i>

<i>Equip/Supplies/Other:</i>	<i>\$ 20,958</i>	<i>\$ (177)</i>	<i>\$ 20,958</i>	<i>\$ (177)</i>
<i>Volpe G&A (3.9% of Contracts)</i>	<i>\$ 208,979</i>	<i>\$ (11,093)</i>	<i>\$ 208,979</i>	<i>\$ (11,093)</i>
TOTAL COST	\$ 6,091,844	\$ (294,509)	B	\$ 5,860,341

TOTAL AVAILABLE FUNDS \$ 408,156 A-B \$ 639,659

2) Aspen Park Solvents (N- 332)
Financial Summary
A/O 11/30/00

Funds Authorized

	Planned		Planned
1) Stockton Removal Action (N- 329)	\$ 6,500,000		\$ 6,500,000
2) Aspen Park Solvents (N- 332)	\$ 105,000	A	\$ 105,000
3) Counter-Terrorism Work Plan (N- 350)	\$ 15,000		\$ 15,000
4) Libby Asbestos Proj Assessment (N- 428)	\$ 3,500,000		\$ 3,500,000
5) Lockwood Solvents (N- 386)	\$ 40,000		\$ 40,000
6) Libby Economic Analysis (N- 064)	\$ 5,000		\$ 5,000
7) Libby Asbestos Proj - Export Plant (N- 423)	\$ 500,000		\$ 500,000
8) Libby Asbestos Proj - Screening Plant (N- 079)	\$ 5,493,000		\$ 5,493,000
9) Asbestos Sampling/Site Assessments (N- 131)	\$ 20,000		\$ 20,000
Total EPA Funds Authorized (WAFS)	\$ 16,178,000		\$ 16,178,000

Costs Incurred

Description	Cumulative			Cumulative		
	Committed Costs	Current Month		Accrued Costs	Current Month	
<i>Volpe Engineering:</i>						
Volpe Labor	\$ 2,842	\$ 478		\$ 2,842	\$ 478	
Overhead	\$ 1,863	\$ 325		\$ 1,863	\$ 325	
Volpe Travel	\$ -	\$ -		\$ -	\$ -	
Subtotal-Volpe Engineering	\$ 3,902	\$ -		\$ 4,705	\$ -	
<i>Contracts:</i>						
ECC	\$ 71,762	\$ -		\$ 27,690	\$ -	
Subtotal-Contracts	\$ 71,762	\$ -		\$ 27,690	\$ -	
<i>Equip/Supplies/Other:</i>						
Volpe G&A (3.9% of Contracts)	\$ 2,799	\$ -		\$ 2,799	\$ -	
TOTAL COST	\$ 79,266	\$ 804	B	\$ 35,194	\$ 804	
TOTAL AVAILABLE FUNDS	\$ 25,734			A-B	\$ 69,806	

3) Counter-Terrorism Work Plan (N- 350)

Financial Summary

A/O 11/30/00

Funds Authorized

	Planned		Planned
1) Stockton Removal Action (N- 329)	\$ 6,500,000		\$ 6,500,000
2) Aspen Park Solvents (N- 332)	\$ 105,000		\$ 105,000
3) Counter-Terrorism Work Plan (N- 350)	\$ 15,000	A	\$ 15,000
4) Libby Asbestos Proj Assessment (N- 428)	\$ 3,500,000		\$ 3,500,000
5) Lockwood Solvents (N- 386)	\$ 40,000		\$ 40,000
6) Libby Economic Analysis (N- 064)	\$ 5,000		\$ 5,000
7) Libby Asbestos Proj - Export Plant (N- 423)	\$ 500,000		\$ 500,000
8) Libby Asbestos Proj - Screening Plant (N- 079)	\$ 5,493,000		\$ 5,493,000
9) Asbestos Sampling/Site Assessments (N- 131)	\$ 20,000		\$ 20,000
Total EPA Funds Authorized	\$ 16,178,000		\$ 16,178,000

Costs Incurred

Description	Cumulative			Cumulative	Current Month
	Committed Costs	Current Month	Accrued Costs		
<i>Volpe Engineering:</i>					
Volpe Labor	\$ 802	\$ -	\$ 802	\$ -	
Overhead	\$ 513	\$ -	\$ 513	\$ -	
Volpe Travel	\$ -	\$ -	\$ -	\$ -	
Subtotal-Volpe Engineering	\$ 1,315	\$ -	\$ 1,315	\$ -	
<i>Contracts:</i>					
Subtotal-Contracts	\$ -	\$ -	\$ -	\$ -	
\$	\$ -	\$ -	\$ -	\$ -	
<i>Equip/Supplies/Other:</i>					
\$	\$ -	\$ -	\$ -	\$ -	
<i>Volpe G&A (3.9% of Contracts)</i>					
\$	\$ -	\$ -	\$ -	\$ -	
TOTAL COST	\$ 1,315	\$ -	\$ 1,315	\$ -	
TOTAL AVAILABLE FUNDS	\$ 13,685			A-B	\$ 13,685

4) Libby Asbestos Proj Assessment (N- 428)
Financial Summary
A/O 11/30/00

Funds Authorized

	Planned		Planned
1) Stockton Removal Action (N- 329)	\$ 6,500,000		\$ 6,500,000
2) Aspen Park Solvents (N- 332)	\$ 105,000		\$ 105,000
3) Counter-Terrorism Work Plan (N- 350)	\$ 15,000		\$ 15,000
4) Libby Asbestos Proj Assessment (N- 428)	\$ 3,500,000	A	\$ 3,500,000
5) Lockwood Solvents (N- 386)	\$ 40,000		\$ 40,000
6) Libby Economic Analysis (N- 064)	\$ 5,000		\$ 5,000
7) Libby Asbestos Proj - Export Plant (N- 423)	\$ 500,000		\$ 500,000
8) Libby Asbestos Proj - Screening Plant (N- 079)	\$ 5,493,000		\$ 5,493,000
9) Asbestos Sampling/Site Assessments (N- 131)	\$ 20,000		\$ 20,000
Total EPA Funds Authorized	\$ 16,178,000		\$ 16,178,000

Costs Incurred

Description	Cumulative		Cumulative	
	Committed Costs	Current Month	Accrued Costs	Current Month
Volpe Engineering/Proj. Mgmt.:				
Volpe Labor	\$ 179,759	\$ 8,889	\$ 179,759	\$ 8,889
Overhead	\$ 117,782	\$ 6,044	\$ 117,782	\$ 6,044
Volpe Admin Support	\$ 5,920	\$ -	\$ 5,920	\$ -
Volpe Travel	\$ 44,148	\$ (1,000)	\$ 42,615	\$ (116)
Subtotal-Volpe Engineering	\$ 347,609	\$ 13,934	\$ 346,075	\$ 14,818
Contracts:				
CDM Federal Programs	\$ 1,971,615	\$ 114,491	\$ 969,702	\$ 3,144
Berman (Risk Assessment)	\$ 150,000	\$ 150,000	\$ -	\$ -
Concensus Assoc	\$ 2,325	\$ -	\$ 2,272	\$ (53)
Birk Construction	\$ 98,197	\$ -	\$ 98,197	\$ -
Marcor	\$ 14,498	\$ -	\$ 13,787	\$ (591)
Southwest Imaging	\$ 15,000	\$ -	\$ 15,000	\$ -
St Johns Hospital	\$ 5,000	\$ 2,500	\$ -	\$ (2,500)
Kootenai Surveyors	\$ 4,915	\$ -	\$ 4,915	\$ -
Subtotal-Contracts	\$ 2,261,550	\$ 266,991	\$ 1,103,872	\$ (0)
Equip/Supplies/Other:	127,128	1,448	102,974	944
Volpe G&A (3.9% of Contracts)	\$ 86,050	\$ 10,451	\$ 71,749	\$ 434
TOTAL COST	\$ 2,822,336	\$ 292,823	B	\$ 1,624,670
TOTAL AVAILABLE FUNDS	\$ 677,664		A-B	\$ 1,875,330

5) Lockwood Solvents (N- 386)
Financial Summary
A/O 11/30/00

Funds Authorized

	Planned		Planned
1) Stockton Removal Action (N- 329)	\$ 6,500,000		\$ 6,500,000
2) Aspen Park Solvents (N- 332)	\$ 105,000		\$ 105,000
3) Counter-Terrorism Work Plan (N- 350)	\$ 15,000		\$ 15,000
4) Libby Asbestos Proj Assessment (N- 428)	\$ 3,500,000		\$ 3,500,000
5) Lockwood Solvents (N- 386)	\$ 40,000	A	\$ 40,000
6) Libby Economic Analysis (N- 064)	\$ 5,000		\$ 5,000
7) Libby Asbestos Proj - Export Plant (N- 423)	\$ 500,000		\$ 500,000
8) Libby Asbestos Proj - Screening Plant (N- 079)	\$ 5,493,000		\$ 5,493,000
9) Asbestos Sampling/Site Assessments (N- 131)	\$ 20,000		\$ 20,000
Total EPA Funds Authorized	\$ 16,178,000		\$ 16,178,000

Costs Incurred

Description	Cumulative		Current Month	Cumulative	
	Committed Costs	Accrued Costs		Current Month	Accrued Costs
<i>Volpe Engineering:</i>					
Volpe Labor	\$ 2,132	\$ 2,132	\$ 478	\$ 478.33	
Overhead	\$ 1,401	\$ 1,401	\$ 325	\$ 325.26	
Volpe Travel	\$ -	\$ -	\$ -	\$ -	
 Subtotal-Volpe Engineering	\$ 3,533	\$ 3,533	\$ 804	\$ 804	
<i>Contracts:</i>					
Culligan Water	\$ 6,888	\$ 2,073	\$ -	\$ -	
Pioneer Water	\$ 6,320	\$ 6,320	\$ -	\$ -	
 Subtotal-Contracts	\$ 13,208	\$ 8,393	\$ -	\$ -	
<i>Equip/Supplies/Other:</i>					
Volpe G&A (3.9% of Contracts)	\$ 27	\$ 27	\$ -	\$ -	
TOTAL COST	\$ 17,261	\$ 12,446	\$ 804	\$ 804	
TOTAL AVAILABLE FUNDS	\$ 22,739			A-B \$ 27,554	

6) Libby Economic Analysis (N- 064)
Financial Summary
A/O 11/30/00

<u>Funds Authorized</u>	<u>Planned</u>	<u>Planned</u>
1) Stockton Removal Action (N- 329)	\$ 6,500,000	\$ 6,500,000
2) Aspen Park Solvents (N- 332)	\$ 105,000	\$ 105,000
3) Counter-Terrorism Work Plan (N- 350)	\$ 15,000	\$ 15,000
4) Libby Asbestos Proj Assessment (N- 428)	\$ 3,500,000	\$ 3,500,000
5) Lockwood Solvents (N- 386)	\$ 40,000	\$ 40,000
6) Libby Economic Analysis (N- 064)	\$ 5,000	A \$ 5,000
7) Libby Asbestos Proj - Export Plant (N- 423)	\$ 500,000	\$ 500,000
8) Libby Asbestos Proj - Screening Plant (N- 079)	\$ 5,493,000	\$ 5,493,000
9) Asbestos Sampling/Site Assessments (N- 131)	\$ 20,000	\$ 20,000
Total EPA Funds Authorized	\$ 16,178,000	\$ 16,178,000
<u>Costs Incurred</u>		
Description	<u>Cumulative</u>	<u>Cumulative</u>
	<u>Committed Costs</u>	<u>Current Month</u>
<i>Volpe Engineering:</i>		
Volpe Labor	\$ 1,943	\$ -
Overhead	\$ 1,264	\$ -
Volpe Travel	\$ -	\$ -
Subtotal-Volpe Engineering	\$ 3,207	\$ -
<i>Contracts:</i>		
Subtotal-Contracts	\$ -	\$ -
<i>Equip/Supplies/Other:</i>		
Volpe G&A (3.9% of Contracts)	\$ -	\$ -
TOTAL COST	\$ 3,207	B \$ 3,207
TOTAL AVAILABLE FUNDS	\$ 1,793	A-B \$ 1,793

7) Libby Asbestos Proj - Export Plant (N- 423)

Financial Summary

A/O 11/30/00

Funds Authorized

	<u>Planned</u>		<u>Planned</u>
1) Stockton Removal Action (N- 329)	\$ 6,500,000		\$ 6,500,000
2) Aspen Park Solvents (N- 332)	\$ 105,000		\$ 105,000
3) Counter-Terrorism Work Plan (N- 350)	\$ 15,000		\$ 15,000
4) Libby Asbestos Proj Assessment (N- 428)	\$ 3,500,000		\$ 3,500,000
5) Lockwood Solvents (N- 386)	\$ 40,000		\$ 40,000
6) Libby Economic Analysis (N- 064)	\$ 5,000		\$ 5,000
7) Libby Asbestos Proj - Export Plant (N- 423)	\$ 500,000	A	\$ 500,000
8) Libby Asbestos Proj - Screening Plant (N- 079)	\$ 5,493,000		\$ 5,493,000
9) Asbestos Sampling/Site Assessments (N- 131)	\$ 20,000		\$ 20,000
Total EPA Funds Authorized	\$ 16,178,000		\$ 16,178,000

Costs Incurred

Description	Cumulative			Cumulative	Current Month
	Committed Costs	Current Month	Accrued Costs		
<i>Volpe Engineering:</i>					
Volpe Labor	\$ 9,814	\$ 5,594	\$ 9,814	\$ 5,594	
Overhead	\$ 6,582	\$ 3,804	\$ 6,582	\$ 3,804	
Volpe Travel	\$ 2,100	\$ 840	\$ 596	\$ 596	
Subtotal-Volpe Engineering	\$ 18,495	\$ 10,238	\$ 16,991	\$ 9,994	
<i>Contracts:</i>					
CDM	\$ 312,687	\$ -	\$ 74,819	\$ -	
Subtotal-Contracts	\$ 312,687	\$ -	\$ 74,819	\$ -	
<i>Equip/Supplies/Other:</i>					
Volpe G&A (3.9% of Contracts)	\$ -	\$ -	\$ -	\$ -	
TOTAL COST	\$ 342,251	\$ 10,238	B	\$ 102,880	\$ 9,994
TOTAL AVAILABLE FUNDS	\$ 157,749		A-B	\$ 397,121	

8) Libby Asbestos Proj - Screening Plant (N- 079)

Financial Summary

A/O 11/30/00

Funds Authorized

	<u>Planned</u>		<u>Planned</u>
1) Stockton Removal Action (N- 329)	\$ 6,500,000		\$ 6,500,000
2) Aspen Park Solvents (N- 332)	\$ 105,000		\$ 105,000
3) Counter-Terrorism Work Plan (N- 350)	\$ 15,000		\$ 15,000
4) Libby Asbestos Proj Assessment (N- 428)	\$ 3,500,000		\$ 3,500,000
5) Lockwood Solvents (N- 386)	\$ 40,000		\$ 40,000
6) Libby Economic Analysis (N- 064)	\$ 5,000		\$ 5,000
7) Libby Asbestos Proj - Export Plant (N- 423)	\$ 500,000		\$ 500,000
8) Libby Asbestos Proj - Screening Plant (N- 079)	\$ 5,493,000	A	\$ 5,493,000
9) Asbestos Sampling/Site Assessments (N- 131)	\$ 20,000		\$ 20,000
Total EPA Funds Authorized	\$ 16,178,000		\$ 16,178,000

Costs Incurred

<u>Description</u>	<u>Cumulative</u>		<u>Current Month</u>	<u>Cumulative</u>	
	<u>Committed Costs</u>	<u>Accrued Costs</u>		<u>Current Month</u>	<u>Accrued Costs</u>
<i>Volpe Engineering:</i>					
Volpe Labor	\$ 92,558	\$ 92,558	\$ 32,355	\$ 32,355	
Overhead	\$ 61,555	\$ 61,555	\$ 22,002	\$ 22,002	
Volpe Admin Support	\$ 8,884	\$ 7,301	\$ 1,501	\$ 4,368	
Volpe Travel	\$ 27,618	\$ 20,644	\$ 7,523	\$ 4,621	
Subtotal-Volpe Engineering	\$ 190,616	\$ 182,059	\$ 63,380	\$ 63,346	
<i>Contracts:</i>					
Marcor	\$ 2,698,639	\$ 2,009,563	\$ 304,472	\$ 657,215	
Fill/Topsoil - Birk	\$ 106,500	\$ -	\$ -	\$ -	
Fill/Topsoil - Ward	\$ 165,000	\$ 132,435	\$ 73,900	\$ 132,435	
Trucking (not awarded yet)	\$ -	\$ -	\$ -	\$ -	
Crookshank	\$ -	\$ -	\$ -	\$ -	
Parker Relocation	\$ 27,440	\$ 11,275	\$ 3,240	\$ -	
Apex	\$ 2,081	\$ 2,081	\$ -	\$ -	
Argus	\$ 46,277	\$ 25,379	\$ -	\$ 16,560	
CDM	\$ 1,390,550	\$ 373,041	\$ 267,638	\$ 2,017	
Subtotal-Contracts	\$ 4,445,472	\$ 2,562,758	\$ 649,250	\$ 817,212	
<i>Equip/Supplies/Other:</i>					
Volpe G&A (3.9% of Contracts)	\$ 4,094	\$ 2,094	\$ 494	\$ 494	
	\$ 162,073	\$ 145,562	\$ 25,399	\$ 28,361	
TOTAL COST	\$ 4,802,255	\$ 2,892,473	\$ 738,522	B	\$ 909,412
TOTAL AVAILABLE FUNDS	\$ 690,745			A-B	\$ 2,600,527

9) Asbestos Sampling/Site Assessments (N 131)

Financial Summary

A/O 11/30/00

Funds Authorized

	<u>Planned</u>		<u>Planned</u>
1) Stockton Removal Action (N- 329)	\$ 6,500,000		\$ 6,500,000
2) Aspen Park Solvents (N- 332)	\$ 105,000		\$ 105,000
3) Counter-Terrorism Work Plan (N- 350)	\$ 15,000		\$ 15,000
4) Libby Asbestos Proj Assessment (N- 428)	\$ 3,500,000		\$ 3,500,000
5) Lockwood Solvents (N- 386)	\$ 40,000		\$ 40,000
6) Libby Economic Analysis (N- 064)	\$ 5,000		\$ 5,000
7) Libby Asbestos Proj - Export Plant (N- 423)	\$ 500,000		\$ 500,000
8) Libby Asbestos Proj - Screening Plant (N- 079)	\$ 5,493,000		\$ 5,493,000
9) Asbestos Sampling/Site Assessments (N- 131)	\$ 20,000	A	\$ 20,000
Total EPA Funds Authorized	\$ 16,178,000		\$ 16,178,000

Costs Incurred

Description	<u>Cumulative</u>		Current Month	<u>Cumulative</u>		Current Month
	<u>Committed Costs</u>	<u>Accrued Costs</u>		<u>Committed Costs</u>	<u>Accrued Costs</u>	
Volpe Engineering:						
Volpe Labor	\$ 478	\$ 478		\$ 478	\$ 478	
Overhead	\$ 325	\$ 325		\$ 325	\$ 325	
Volpe Travel	\$ -	\$ -		\$ -	\$ -	
Subtotal-Volpe Engineering	\$ 804	\$ 804		\$ 804	\$ 804	
Contracts:						
Subtotal-Contracts	\$ -	\$ -		\$ -	\$ -	
Equip/Supplies/Other:	\$ 2,202	\$ 202		\$ 2	\$ 2	
Volpe G&A (3.9% of Contracts)	\$ 85	\$ 7		\$ 0	\$ 0	
TOTAL COST	\$ 3,091	\$ 1,013	B	\$ 806	\$ 18,987	
TOTAL AVAILABLE FUNDS	\$ 16,909			A-B	\$ 18,987	